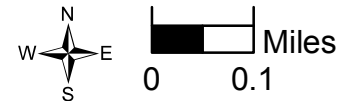
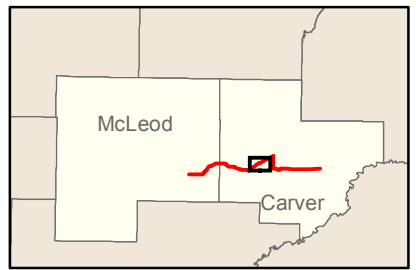




# **Proposed Xcel Energy Southwest Twins Cities Glencoe - Waconia Transmission Line Rebuild Project** Greater SW Minneapolis Metro, Minnesota



Data Source(s): MN LMIC Imagery (2008), MN LMIC GNIS (1998), MN DNR NHIS (2008), MNDNR PWI (2008), MN SHPO (2009), MN OSA (2009), NHR (2009), MNDNR CBS (2009), MNDOT (2004), MNDNR (various years and multiple datasets on fee lands), FSA CRP (2007), USGS NHD (2008), USFWS NWI (1997), BWSR (2009), Ventyx Velocity Suite (2010), ESRI Transportation (2009), Metropolitan Council (2010), Xcel (2010).



- |                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                 |                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Rebuild</li> <li>New Transmission Line Route</li> <li>Retire Existing Line</li> <li>Alternate Routes</li> <li>Existing Transmission Lines</li> <li>OH Primary</li> <li>Segment Start and End Locations</li> </ul> | <ul style="list-style-type: none"> <li>Xcel Substations</li> <li>City of Glencoe</li> <li>Proposed Substation</li> <li>Switch</li> <li>Substations/Taps</li> <li>Proposed Route Width (200ft &amp; 400ft)</li> </ul> | <p><b>Cultural Resource Information</b></p> <ul style="list-style-type: none"> <li>Listed on National Register of Historic Places</li> <li>MN SHPO Considered Eligible Finding</li> <li>State Historic Preservation Office Inventoried Structure</li> </ul> <p><b>Hydrography</b></p> <ul style="list-style-type: none"> <li>NWI Wetlands (within 2 miles)</li> <li>Public Water Inventory</li> <li>Install Swan Flight Diverter</li> </ul> | <ul style="list-style-type: none"> <li>FEMA Floodplain</li> <li>Stream/River</li> <li>MNDNR NHIS (2010)</li> <li>Vertebrate Animal</li> <li>Community</li> <li>Invertebrate Animal</li> <li>Vascular Plant</li> <li>Nonvascular Plant; Fungus</li> <li>Animal Assemblage</li> <li>Geologic</li> </ul> | <p><b>Conservation Reserve Program</b></p> <ul style="list-style-type: none"> <li>Farm Service Agency</li> <li>Re-invest in Minnesota CRP</li> </ul> <p><b>Managed Lands</b></p> <ul style="list-style-type: none"> <li>Wildlife Management Areas</li> <li>Scientific &amp; Natural Area's (None Close to Area)</li> <li>Waterfowl Production Area's</li> <li>Game Refuge (2.8 Miles West of Line)</li> <li>State Fee Lands</li> <li>Generalized to 1/4 Section</li> </ul> | <ul style="list-style-type: none"> <li>Local, State, Regional Parks</li> <li>MCBS Sites of Biological Significance</li> <li>MCBS Native Plant Communities</li> <li>Railroad Prairie</li> </ul> <p><b>Base</b></p> <ul style="list-style-type: none"> <li>Counties</li> <li>Municipalities</li> <li>2030 Planned Municipal Boundary (MUSA)</li> <li>Township</li> </ul> | <ul style="list-style-type: none"> <li>Highway</li> <li>Railroad</li> </ul> <p><b>Closest Structures to Line</b></p> <ul style="list-style-type: none"> <li>Commercial Business</li> <li>Farmstead</li> <li>Rural Residence</li> <li>Urban Residence</li> </ul> | <ul style="list-style-type: none"> <li>Cemetery</li> <li>Church</li> <li>Park</li> <li>School</li> </ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|

**Figure 20  
Environmental Features Map  
Segment 4**